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COMMITTEE OF EXPERTS ON THE TRANSPORT
OF DANGEROUS GOODS

REPORT OF THE COMMITTEE OF EXPERTS ON ITS SEVENTEENTH SESSION
(7-16 December 1992)

Addendum 2

Annex 3: Amendments to Chapters 2, 3, 12, Appendix A and the Index of the Recommendations on the Transport of Dangerous Goods.

GE.93-21185

CHAPTER 2 - LIST OF DANGEROUS GOODS MOST COMMONLY CARRIED

1. In the introductory section ("In the list that follows: ...") insert a new paragraph (3) to read:

"(3) The proper shipping name shown may be used in the singular or plural, as appropriate, for the purposes of documentation and package marking".
(Existing (3) to be renumbered "(4)").

2. In the new paragraph (4), delete "and the applicable packing group".

3. Amend as follows:

UN No. 0081 -)
UN No. 0082 -) Delete Special Provision "5".
UN No. 0083 -)
UN No. 0084 -)

UN No. 0118 - Add between brackets the word "HEXOTOL" after "HEXOLITE".

UN No. 0133 - Add Special Provision "2".

UN No. 0144 - Delete Special Provisions "13" and "14".

UN No. 0241 - Delete Special Provision "5".

UN No. 0248 -) Delete Special Provision "20".
UN No. 0249 -)

UN No. 0266 - (French only)

UN No. 0331 -) Delete Special Provision "5".
UN No. 0332 -)

UN No. 0393 - Replace "HEXATONAL, CAST" by "HEXOTONAL".

UN No. 0433 - Add Special Provision "2".

UN No. 1008 - Add subsidiary risk "8".

UN No. 1017 - Add subsidiary risk "8".

UN No. 1030 - The name should read "1,1-DIFLUOROETHANE".

UN No. 1040 - The name should read "ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN up to a total presure of 1 MPa (10 bar) at 50°C".

UN No. 1041 - The name should read "ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide.

Transfer from Division 2.3, subsidiary risk "2.1", to division "2.1" without subsidiary risk.

UN No. 1044 - Add Special Provisions "225" and "229".

UN No. 1045 - Add subsidiary risk "8".

UN No. 1051 - Amend the name to read "HYDROGEN CYANIDE, STABILIZED containing less than 3% water".

UN No. 1057 - Add Special Provision "229".

UN No. 1062 - Add Special Provision "23".

UN No. 1067 - Add subsidiary risk "8".

UN No. 1071 - Change Division "2.1" to "2.3" and add subsidiary risk "2.1".

UN No. 1079 - Add subsidiary risk "8".

UN No. 1086 - The name should read "VINYL CHLORIDE, INHIBITED or VINYL CHLORIDE, STABILIZED".

UN No. 1105 - Replace Special Provision "102" by "184".

UN No. 1106 - Add subsidiary risk "8" and Special Provision "192" and delete Packing Group "II".

UN No. 1109 - Delete Special Provision "102" and add Packing Group "III".

UN No. 1112 - Replace Packing Group "II" by Packing Group "III".

UN No. 1118 - Entry deleted

UN No. 1120) Replace Special Provision "102" by "184".
UN No. 1123)

UN No. 1125 - Add subsidiary risk "8".

UN No. 1135 - Insert subsidiary risk "3";
Replace Packing Group "II" by Packing Group "I".

UN No. 1136)
UN No. 1139) - Replace Special Provision "102" by "184".
UN No. 1148)

UN No. 1143 - Transfer from Class 3 to Division "6.1" with subsidiary risk "3".
Replace Packing Group "II" by Packing Group "I".

UN No. 1154)
UN No. 1158) - Add subsidiary risk "8".
UN No. 1160)

UN No. 1162) Replace Packing Group "I" by Packing Group "II".
UN No. 1164)

UN No. 1167 - Replace Packing Group "II" by Packing Group "I".

UN No. 1169 - Replace Special Provision "102" by "184".

UN No. 1170 - Replace Special Provisions "102, 144" by "144, 184".

UN No. 1180 - Replace Packing Group "II" by Packing Group "III".

UN No. 1196 - Replace Packing Group "I" by Packing Group "II".

UN No. 1197 - Replace Special Provision "102" by "184".

UN No. 1198 - Delete Special Provision "202".

UN No. 1201 - Replace Special Provision "102" by "184".

UN No. 1202 - The name should read "GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT".
Add Packing Group "III" and delete Special Provision "102".

UN No. 1203 - The name should read "MOTOR SPIRIT or GASOLINE or PETROL".
Add a new Special Provision "243".

UN No. 1214)- Add subsidiary risk "8".
UN No. 1221)

UN No. 1222 - Assign revised Special Provision "26".

UN No. 1223 - Delete Sepcial Provision "102" and add Packing Group "III".

UN No. 1228 - The name should read "MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.* or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.*;
Add Special Provision "192";
Delete Packing Group "II".
Delete Special Provision "167".

UN No. 1235 - Add subsidiary risk "8".

UN No. 1255)-
UN No. 1256) Entry deleted.
UN No. 1257)

UN No. 1265 - The name should read "PENTANES, liquid"; delete Packing Group "I" and add Special Provision "212".

UN No. 1266 - Replace Special Provision "102" by "184".

UN No. 1268 - The name should read "PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S."

UN No. 1270)- Entry deleted
UN No. 1271)

UN No. 1274 - Delete Packing Group II; add Special Provision "184".

UN No. 1277 - Add subsidiary risk "8".

UN No. 1282 - Delete subsidiary risk "6.1".

UN No. 1286 Delete Packing Group "III" and add Special Provision "184".

UN No. 1287)- Replace Special Provision "102" by "184".
UN No. 1288)

UN No. 1289 - The name should read "SODIUM METHYLATE SOLUTION in alcohol";
Add subsidiary risk "8";
Replace Special Provision "102" by "192".

UN No. 1293 - Replace Special Provision "102" by "184".

UN No. 1296 - Add subsidiary risk "8".

UN No. 1297 - Add subsidiary risk "8" and replace Special Provision "102" by "129".

UN No. 1298 - Replace Packing Group "I" by Packing Group "II".

UN No. 1300)
UN No. 1306)- Replace Special Provision "102" by "184".
UN No. 1307)

UN No. 1308 - Delete Packing Group "II" and add Special Provision "102".

UN No. 1328 - The name should read "HEXAMETHYLENETETRAMINE".

UN No. 1350 - Add Special Provision "242" and add "M" in column (c2).

UN No. 1357 - Replace Special Provision "28" by "227".

UN No. 1378 - Delete Special Provision "200".

UN No. 1402 - Delete Packing Group "II" and add Special Provision "212".

UN No. 1408 - Delete Special Provision "202".

UN No. 1415 - Replace Packing Group "II" by Packing Group "I".

UN No. 1549 - Add Packing Group "III" and delete Special Provision "44".

UN No. 1564 - Replace Special Provision "44" by "184".

UN No. 1588 - The name should read "CYANIDES, INORGANIC, SOLID, N.O.S.*".

UN No. 1589 - Add subsidiary risk "8".

UN No. 1601 - The name should read "DISINFECTANT, SOLID, TOXIC, N.O.S.*

UN No. 1602 - The name should read "DYE, LIQUID, TOXIC, N.O.S.* or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.*

UN No. 1605 - Replace Packing Group "II" by Packing Group "I".

UN No. 1613 - Amend the name to read "HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide".

UN No. 1614 - Amend the name to read "HYDROGEN CYANIDE, STABILIZED containing less than 3% water and absorbed in a porous inert material".

UN No. 1648 - Amend the name to read "ACETONITRILE";
Delete subsidiary risk "6.1".

UN No. 1660 - Add subsidiary risks "5.1" and "8".

UN No. 1693 - Replace Special Provision "44" by "212".

UN No. 1703 - Entry deleted.

UN No. 1705 - Entry deleted.

UN No. 1715 - Add subsidiary risk "3".

UN No. 1719 - Replace Special Provision "112" by "184".

UN No. 1722 - Change Division "8" to "6.1";
Add subsidiary risks "3" and "8".

UN No. 1723 - Replace Packing Group "I" by Packing Group "II".

UN No. 1724 - Add subsidiary risk "3".

UN No. 1727 - The name should read "AMMONIUM HYDROGENDIFLUORIDE, SOLID".

UN No. 1740 - The name should read "HYDROGENDIFLUORIDES, N.O.S.".

UN No. 1747 - Add subsidiary risk "3".

UN No. 1752 - Transfer from Class 8 to Division 6.1, Packing Group I, subsidiary risk 8.

UN No. 1773 - The name should read "FERRIC CHLORIDE, ANHYDROUS".

UN No. 1775 - The name should read "FLUOROBORIC ACID".

UN No. 1778 - The name should read "FLUOROSILICIC ACID".

UN No. 1791 - Delete Special Provision "50".

UN No. 1809 - Add subsidiary risk "6.1";
Replace Packing Group "II" by Packing Group "I".

UN No. 1811 - The name should read "POTASSIUM HYDROGENDIFLUORIDE".

UN No. 1816 - Add subsidiary risk "3".

UN No. 1830 - The name should read "SULPHURIC ACID with more than 51% acid".

UN No. 1851 - Replace the word "POISONOUS" by "TOXIC".

UN No. 1864 - Entry deleted.

UN No. 1865 - Assign revised Special Provision "26".

UN No. 1888 - Replace Packing Group "II" by Packing Group "III".

UN No. 1903 - The name should read "DISINFECTANT, LIQUID, CORROSIVE, N.O.S.*".

UN No. 1908 - The name should read "CHLORITE SOLUTION with more than 5% available chlorine";
Replace Special Provision "50" by "51";
Delete Packing Group "II".

UN No. 1912 - Change Division "2.2" to "2.1" and add Special Provision "228".

UN No. 1922 - Add subsidiary risk "8".

UN No. 1935 - The name should be in singular, and add the letters "N.O.S.".

UN No. 1950 - Add Special Provision "229".

UN No. 1952 - The name should read "ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide".

UN No. 1960 - Add Special Provision "229".

UN No. 1965 - In column (c2), insert the letter "M".

UN No. 1975 - Add subsidiary risks "5.1" and "8".

UN No. 1992 - The name should read "FLAMMABLE LIQUID, TOXIC, N.O.S.*".

UN No. 1999 - Replace Special Provision "102"by "184".

UN No. 2022 - Add subsidiary risk "8".

UN No. 2029 - Amend the name to read "HYDRAZINE, ANHYDROUS";
Change the class number from "3" to "8";
Replace subsidiary risks "6.1, 8" by "3, 6.1".

UN No. 2030 - Amend the name to read "HYDRAZINE HYDRATE or HYDRAZINE, AQUEOUS SOLUTION with not less than 37% but not more than 64% hydrazine, by mass".

UN No. 2037 - Add Special Provision "229".

UN No. 2044 - Delete the words "other than pentane and isopentane" in the description.

UN No. 2047 - The name should read "DICHLOROPROPENES".
Delete Packing Group "II" and add Special Provision "184".

UN No. 2051 - Transfer to Class 8 with subsidiary risk 3, Packing Group II.
The name should read: "2-DIMETHYLAMINOETHANOL".

UN No. 2057 - Replace Special Provision "102" by "184".

UN No. 2076 - The name should read "CRESOLS".
Add subsidiary risk "8".

UN No. 2189 -)
UN No. 2190 -)
UN No. 2194 -) Add subsidiary risk "8".
UN No. 2195 -)
UN No. 2196 -)
UN No. 2198 -)

UN No. 2201 - Add letter "M" in column (c2).

UN No. 2206 - Change the name to "ISOCYANATES, TOXIC, N.O.S.* or ISOCYANATE SOLUTION, TOXIC, N.O.S.*";
Add Special Provision "184";
Delete Packing Group "II".

UN No. 2207 - Delete this entry.

UN No. 2218 - Add subsidiary risk "3".

UN No. 2219 - Delete subsidiary risk "6.1" and Special Provision "202".

UN No. 2228 - Delete this entry.

UN No. 2229 - Delete this entry.

UN No. 2232 - The name should read "2-CHLOROETHANAL";
Replace Packing Group "II" by Packing Group "I".

UN No. 2258 - Add subsidiary risk "3".

UN No. 2260 - Replace Packing Group "II" by Packing Group "III".

UN No. 2264 - Add subsidiary risk "3".

UN No. 2267 - Change Division "8" to "6.1";
Add subsidiary risk "8";
Replace Packing Group "III" by Packing Group "II".

UN No. 2270 - Add subsidiary risk "8".

UN No. 2276 - Transfer from Class 8 to Class 3 with subsidiary risk "8".

UN No. 2309 - Delete Special Provision "102" and add Packing Group "II".

UN No. 2313 - Replace Packing Group "II" by Packing Group "III".

UN No. 2324 - Delete Special Provision "102" and add Packing Group "III".

UN No. 2332 - Replace Packing Group "II" by Packing Group "III".

UN No. 2337 - Replace Packing Group "II" by Packing Group "I".

UN No. 2342 - Delete Special Provision "102" and add Packing Group "II".

UN No. 2344 - The name should read "BROMOPROPANES".

UN No. 2346 - Delete Special Provision "102" and add Packing Group "II".

UN No. 2348 - Delete Special Provision "102" and add Packing Group "III".

UN No. 2351 - Replace Special Provision "102" by "184".

UN No. 2359 - Add subsidiary risks "6.1" and "8".

UN No. 2361 - Add subsidiary risk "8".

UN No. 2367 - Replace Packing Group "III" by Packing Group "II".

UN No. 2379 - Add subsidiary risk "8".

UN No. 2382 - Transfer from Class 3, subsidiary risk "6.1" to division "6.1", subsidiary risk "3".

UN No. 2383)- Add subsidiary risk "8".
UN No. 2386)

UN No. 2388 - Delete Special Provision "102" and add Packing Group "II".

UN No. 2392 - Delete Special Provision "102" and add Packing Group "III".

UN No. 2399)- Add subsidiary risk "8".
UN No. 2401)

UN No. 2407 - Change division "3" to "6.1";
Add subsidiary risk "3";
Replace Packing Group "II" by Packing Group "I".

UN No. 2413 - Replace Packing Group "II" by Packing Group "III".

UN No. 2417 -)
UN No. 2418 -) Add subsidiary risk "8".
UN No. 2420 -)
UN No. 2421 -)

UN No. 2424 - Add the letter "M" in column (c2).

UN No. 2430 - The name should read "ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues)";
Change Class "6.1" to Class "8";
Add Special Provision "112";
Delete Packing Group "III";
Add the letter "M" in column (c2).

UN No. 2438 - Transfer from Class 8 to Division "6.1", "Packing Group I", subsidiary risks "3" and "8".

UN No. 2439 - The name should read "SODIUM HYDROGENDIFLUORIDE".

UN No. 2445 - Add subsidiary risk "4.3".

UN No. 2478 - The name should read "ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.* or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.*";
Add Special Provision "192";
Delete Packing Group "II".

UN No. 2482)-
UN No. 2484) Transfer from Class 3, subsidiary risk "6.1" to division "6.1", subsidiary risk "3".

UN No. 2485 - Transfer from Class 3, subsidiary risk "6.1" to division "6.1", subsidiary risk "3";
Replace Packing Group "II" by Packing Group "I".

UN No. 2497 - Entry deleted.

UN No. 2502 - Add subsidiary risk "3".

UN No. 2511 - The name should read "2-CHLOROPROPIONIC ACID".

UN No. 2517 - The name should read "1-CHLORO-1,1-DIFLUOROETHANE".

UN No. 2521 - Transfer from Class 3 to Division 6.1, Packing Group I, subsidiary risk 3.

UN No. 2526)
UN No. 2529)- Add subsidiary risk "8".
UN No. 2530)

UN No. 2531 - Add a new Special Provision "245".

UN No. 2553 - Entry deleted.

UN No. 2557 - The name should read "NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE, WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT";
Add Special Provision "241".

UN No. 2571 - The name should read "ALKYLSULPHURIC ACIDS*".

UN No. 2583 - The name should read "ALKYLSULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid".

UN No. 2584 - The name should read "ALKYLSULPHONIC ACIDS, LIQUID or ARYL SULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid".

UN No. 2585 - The name should read "ALKYLSULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid".

UN No. 2586 - The name should read "ALKYLSULPHONIC ACIDS, LIQUID or ARYL SULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid".

UN No. 2606 - Transfer from Class 3, subsidiary risk "6.1" to division "6.1", subsidiary risk "3".

UN No. 2610 - Add subsidiary risk "8".

UN No. 2616 - Replace Special Provision "102" by "184".

UN No. 2617 - The name should read "METHYLCYCLOHEXANOLS, flammable".

UN No. 2619 - Add subsidiary risk "3".

UN no. 2668 - Add subsidiary risk "3".

UN No. 2670 - Replace Packing Group "III" by Packing Group "II".

UN No. 2684 - Transfer from Class 8 to Class 3 with subsidiary risk "8".

UN No. 2693 - The name should read "BISULPHITES, AQUEOUS SOLUTION, N.O.S.".

UN No. 2707 - Replace Special Provision "102" by "184".

UN No. 2733 - The name should read "AMINES, FLAMMABLE, CORROSIVE, N.O.S.* or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.*".

UN No. 2734 - The name should read "AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.* or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.*".

UN No. 2735 - The name should read "AMINES, LIQUID, CORROSIVE, N.O.S.* or POLYAMINES, LIQUID, CORROSIVE, N.O.S.*".

UN No. 2742 - The name should read "CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.";
Add subsidiary risk "3".

UN Nos. 2757 to 2784) Add an asterisk.
UN Nos. 2786 to 2788)

UN Nos. 2758, 2760, 2762, 2764, 2766, 2768, 2770, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2787, 3021 and 3024:

Replace Special Provision "102" by "130" and delete Special Provision "143".

UN No. 2770 - Delete Special Provision "202".

UN No. 2785 - The name should read "4-THIAPENTANAL".

UN No. 2788 - (French only).

UN No. 2789 - Add subsidiary risk "3".

UN No. 2796 - The name should read "SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID".

UN No. 2800 - Add Special Provision "238".

UN No. 2801 - The name should read "DYE, LIQUID, CORROSIVE, N.O.S.* or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.*".

UN No. 2810 - The name should read "TOXIC LIQUID, ORGANIC, N.O.S.*".

UN No. 2811 - The name should read "TOXIC SOLID, ORGANIC, N.O.S.*".

UN No. 2814 - Delete Special Provision "124".

UN No. 2817 - The name should read "AMMONIUM HYDROGENDIFLUORIDE SOLUTION".

UN No. 2826 - Add subsidiary risk "3".

UN No. 2834 - The name should read "PHOSPHOROUS ACID".

UN No. 2837 - The name should read "BISULPHATES, AQUEOUS SOLUTION".

UN No. 2841 - Transfer from Class 6.1 to Class 3 with subsidiary risk "6.1".

UN No. 2857 - The name should read "REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solutions (UN 2073)".

UN No. 2860 - Entry deleted.

UN No. 2881 - Delete Special Provision "200".

UN No. 2900 - Delete Special Provision "125".

UN No. 2903 - Delete Special Provision "202".

UN No. 2904 - The name should read "CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID".

UN No. 2905 - The name should read "CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID".

UN No. 2921 - Delete Special Provision "202".

UN No. 2922 - The name should read "CORROSIVE LIQUID, TOXIC, N.O.S.*"; Delete Special Provision "202".

UN No. 2923 - The name should read "CORROSIVE SOLID, TOXIC, N.O.S.*"; Delete Special Provision "202".

UN No. 2925 - The name should read "FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.*"

UN No. 2926 - The name should read "FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.*".

UN No. 2927 - The name should read "TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.*".

UN No. 2928 - The name should read "TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.*".

UN No. 2929 - The name should read "TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.*".

UN No. 2930 - The name should read "TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.*".

UN No. 2945 - Add subsidiary risk "8".

UN No. 2985 - The name should read: "CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.".

UN No. 2986 - The name should read "CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.".

UN No. 2987 - The name should read "CHLOROSILANES, CORROSIVE, N.O.S.".

UN No. 2988 - The name should read "CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.".

UN Nos. 2991 to 3020 and 3024 to 3027:

Add an asterisk.

UN Nos. 2991,2993, 2995, 2997, 2999, 3001, 3003, 3005, 3007, 3009, 3011, 3013, 3015, 3017, 3019, 3021, 3023, 3025: Delete Special Provision "202".

UN No. 3065 - Add Special Provision "247".

UN No. 3066 - Replace Special Provision "112" by "184".

UN No. 3070 - The name should read "ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE, with not more than 12.5% ethylene oxide".
Transfer from division "2.3" to division "2.2".

UN No. 3071 - The name should read "MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S.*, or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.*";
Add letter "M" in column (c2).
Delete Special Provision "202".

UN No. 3073 - Delete Special Provision "202".

UN No. 3077 - Add Packing Group "III".

UN No. 3080 - Change the name to "ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.* or ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.*".

UN No. 3082 - Add Packing Group "III".

UN No. 3086 - Replace the word "POISONOUS" by "TOXIC".

UN No. 3087 - Replace the word "POISONOUS" by "TOXIC".

UN No. 3090 and 3091 Modify the entries as follows:

"(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3090	LITHIUM BATTERIES	9		188 230	II	
3091	LITHIUM BATTERIES CONTAINED IN EQUIPMENT or LITHIUM BATTERIES PACKED WITH EQUIPMENT	9		188 230 231"	II	

UN Nos. 3099, 3122, 3123, 3125, 3130, 3134: Replace the word "POISONOUS" by "TOXIC".

UN No. 3124 - Replace the word "POISONOUS" by "TOXIC".

UN No. 3126 - Amend the name to read: "SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.*".

UN No. 3128 - Amend the name to read: "SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.*".

UN No. 3141 - Add Packing Group "III" and delete Special Provision "44".

UN No. 3142 - The name should read "DISINFECTANT, LIQUID, TOXIC, N.O.S.*".

UN No. 3143 - The name should read "DYE, SOLID, TOXIC, N.O.S.* or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.*".

UN No. 3145 - The name should read "ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues)";
Transfer from Class "6.1" to Class "8";
Add Special Provision "112".
Delete Packing Group "III".
Add letter "M" in column (c2).

UN No. 3146 - (French only).

UN No. 3147 - The name should read "DYE, SOLID, CORROSIVE, N.O.S.* or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.*".

UN No. 3149 - For "stabilized", read "STABILIZED".

UN No. 3150 - Add Special Provision "229".

UN No. 3166 - Add Special Provision "117".

UN No. 3167)
UN No. 3168) In colum (a2) replace "not deeply refrigerated" by "not
UN No. 3169) refrigerated liquid".

UN No. 3170 - The name should read "ALUMINIUM PROCESSING BY-PRODUCTS". Add Special Provision "244".

UN No. 3171 - The name should read "BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT (wet battery)", and add Special Provision "240".

UN No. 3179 - The name should read: "FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.*".

UN No. 3180 - The name should read: "FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.*".

UN No. 3184 - The name should read: "SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.*".

UN No. 3185 - The name should read: "SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.*".

UN No. 3187 - The name should read: "SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.*".

UN No. 3188 - The name should read: "SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.*".

UN No. 3189 - The name should read "METAL POWDER, SELF-HEATING, N.O.S.*".

UN No. 3191 - The name should read: "SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.*".

UN No. 3192 - The name should read: "SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.*".

UN No. 3206 - The name should read "ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.*".

UN Nos. 3210)- Delete the asterisk.
to 3219)

UN No. 3241 - Delete Special Provisions "26" and "132" and add Special Provision "246".

UN No. 3243) - Replace "POISONOUS" by "TOXIC".
UN No. 3248)
UN No. 3249)

4. Delete the letters "N.O.S." from the names of the following pesticides' entries:

2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2786, 2787, 2991, 2992, 2993; 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3024, 3025, 3026, 3027.

5. Delete the word "poisonous" in the description of the following entries : 1601, 1602, 3140, 3142, 3143, 3249.

6. In all entries listed below, the word "MIXTURES" or "SAMPLES" or "MEDICINE" or "PESTICIDES" or "POWDERS", or "METALS", or "PREPARATIONS" or "COMPOUNDS", or "AMALGAMS", or "DISPERSIONS", or ALLOYS", or "SUBSTANCES", or "FERTILIZERS", or SOLUTIONS", as appropriate, should appear in singular:

1060, 1170, 1198, 1383, 1389, 1391, 1392, 1393, 1421, 1458, 1459, 1471, 1487, 1499, 1549, 1556, 1557, 1564, 1566, 1581, 1582, 1583, 1612, 1647, 1649, 1655, 1686, 1693, 1707, 1712, 1744, 1748, 1786, 1791, 1796, 1826, 1851, 1964, 1965, 1969, 1975, 1978, 1979, 1980, 1981, 2014, 2015, 2024, 2025, 2026, 2034, 2059, 2072, 2073, 2208, 2209, 2270, 2291, 2441, 2491, 2570, 2588, 2672, 2693, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779,2780, 2781, 2782, 2783, 2784, 2786, 2787, 2788, 2814, 2880, 2900, 2902, 2903, 2983, 2984, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3024, 3025, 3026, 3027, 3048, 3071, 3077, 3082, 3089, 3138, 3141, 3144, 3146, 3167, 3168, 3169, 3189, 3207, 3208, 3209, 3210, 3211, 3213, 3214, 3216, 3218, 3219, 3248, 3249.

7. Add the following new entries:

"(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
0495	PROPELLANT, LIQUID	1.3C		224		E 159
0496	OCTONAL	1.1D				E 13
0497	PROPELLANT, LIQUID	1.1C		224		E 159
0498	PROPELLANT, SOLID	1.1C				E 22
0499	PROPELLANT, SOLID	1.3C				E 22
1990	BENZALDEHYDE	9			III	
3251	ISOSORBIDE-5-MONONITRATE	4.1		132 226	III	
3252	DIFLUOROMETHANE	2.1				M
3253	DISODIUM TRIOXOSILICATE, PENTAHYDRATE	8			III	
3254	TRIBUTYLPHOSPHANE	4.2			I	
3255	tert-BUTYL HYPOCHLORITE	4.2	8	76	I	
3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash point above 60.5°C, at or above its flash point	3			III	M
3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100°C and below its flash point	9		232	III	M
3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C	9		232 233	III	
3259	AMINES, SOLID, CORROSIVE, N.O.S.* or POLYAMINES, SOLID, CORROSIVE, N.O.S.*	8		109 185		
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.*	8		109 185		

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.*	8		109 185		
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.*	8		109 185		
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.*	8		109 185		
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.*	8		109 185		M
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.*	8		109 185		M
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.*	8		109 185		M
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.*	8		109 185		M
3268	AIR BAG INFLATORS or AIR BAG MODULES or SEAT-BELT PRE-TENSIONERS or SEAT-BELT MODULES	9		235	III	
3269	POLYESTER RESIN KIT	3		236		
3270	NITROCELLULOSE MEMBRANE FILTERS	4.1		81 237	II	
3271	ETHERS, N.O.S.*	3		109 184		M
3272	ESTERS, N.O.S.*	3		109 184		M
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.*	3	6.1	109 130		M
3274	ALCOHOLATES SOLUTION, N.O.S.*, in alcohol	3	8	109	II	
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.*	6.1	3	109 130		M

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3276	NITRILES, TOXIC, N.O.S.*	6.1		109 185		M
3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.*	6.1	8	109	II	M
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S.*	6.1		43 109 185		M
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.*	6.1	3	43 109 130		M
3280	ORGANOARSENIC COMPOUND, TOXIC, N.O.S.*	6.1		109 185		M
3281	METAL CARBONYLS, N.O.S.*	6.1		109 185		M
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S.*	6.1		109 185		M
3283	SELENIUM COMPOUND, N.O.S.	6.1		109 185		M
3284	TELLURIUM COMPOUND, N.O.S.	6.1		109 185		M
3285	VANADIUM COMPOUND, N.O.S.	6.1		109 185		M
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.*	3	6.1 8	109 130		M
3287	TOXIC LIQUID, INORGANIC, N.O.S.*	6.1		44 109		M
3288	TOXIC SOLID, INORGANIC, N.O.S.*	6.1		44 109		
3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.*	6.1	8	109 130		M
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.*	6.1	8	109 130		

(a1)	(a2)	(b1)	(b2)	(b3)	(c1)	(c2)
3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.	6.2			II	
3292	BATTERIES, CONTAINING SODIUM or CELLS, CONTAINING SODIUM	4.3		239	II	
3293	HYDRAZINE,AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1		223	III	M
3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	6.1	3		I	M
3295	HYDROCARBONS, LIQUID, N.O.S.	3		102 109		M
3296	HEPTAFLUOROPROPANE	2.2				M
3297	ETHYLENE OXIDE AND CHLOROTETRA-FLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	2.2				M
3298	ETHYLENE OXIDE AND PENTA-FLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	2.2				M
3299	ETHYLENE OXIDE AND TETRA-FLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	2.2				M
3300	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	2.3	2.1			
3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.*	8	4.2	109 130		

CHAPTER 3 - SPECIAL PROVISIONS RELATING TO INDIVIDUAL SUBSTANCES AND ARTICLES

1. In Special Provisions 32, 37, 38, 39, 40, 44, 45, 47, 59, 62, 65, 66, 102, 112, 126, 135, 138, 142, 144, 168, 177, 184, 185, 190, 208 and 223, replace the words "considered non-dangerous" by "not subject to these Recommendations".

2. Modify the Special Provisions listed below as follows:

Special Provision

2 Amend to read:

"This substance, when containing less alcohol, water or phlegmatizer than specified, should not be transported unless specifically authorized by the competent authority".

5 Delete.

6 Amend to read:

"Any Explosives, Blasting, type C containing chlorates should be segregated from explosives containing ammonium nitrate or other ammonium salts".

13)
14) Delete.
20)

23 Amend to read: "Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas."

26 Amend to read:

"This substance should not be permitted for transport in tank-containers, or intermediate bulk containers with a capacity exceeding 450 litres, due to potential initiation of explosion when transported in large volumes".

28 Amend to read:

"This substance may be transported under the provisions of Division 4.1 only if it is so packed that the percentage of diluent will not fall below that stated, at any time during transport (see 4.4.5 and 14.2.3.1)".

44 Change "poisonous" to "toxic".

50 Delete.

51 Amend to read:

"Chlorite or hypochlorite solutions with:

not less than 16% available chlorine should be placed in Packing Group II;

more than 5% but less than 16% available chlorine should be placed in Packing Group III;

not more than 5% available chlorine are not subject to these Recommendations."

105 Amend to read:

"Nitrocellulose meeting the descriptions of UN 2556 or UN 2557 may be classified in Division 4.1, subject to Special Provision 81".

106 Amend to read:

"Subject to these Recommendations only when transported by air".

107 Amend to read:

"The consignment is not subject to these Recommendations if the sender declares that it has no self-heating properties".

109 Amend to read:

"This substance should be transported in accordance with the provisions of 1.39.1".

117 Amend to read:

"Subject to these Recommendations only when transported by sea".

119 Replace the word "Exempt" by "Not subject to these Recommendations".

123 Amend to read:

"For air transport, the packagings should meet Packing Group I requirements".

124) Delete.
125)

129 Amend to read:

"Packing Group I, II or III according to the grouping criteria for each hazard. Substances not meeting the criteria of Packing Group I, II or III for any hazard are not subject to these Recommendations".

140 Replace the words "may be regarded as non-dangerous" by "are not subject to these Recommendations".

141 Amend to read:

"Products which have undergone sufficient heat treatment so that they present no hazard during transport are not subject to these Recommendations."

143 Delete.

145 Amend to read:

"Alcoholic beverages, when packed in inner packagings of not more than 5 litres are not subject to these Recommendations.

Alcoholic beverages containing more than 24% but not more than 70% alcohol by volume should be carried as substances of Packing Group III; except that, other than for air transport, when carried in receptacles of not more than 250 litres capacity they are not subject to these Recommendations.

Alcoholic beverages containing more than 70% alcohol by volume should be carried as substances of Packing Group II."

152 Amend to read:

"The classification of this substance will vary with particle size and packaging, but borderlines have not been experimentally determined. Appropriate classifications should be made using the procedure in Chapter 4".

167 Delete.

169 Amend to read:

"Phthalic anhydride in the solid state and tetrahydrophthalic anhydrides, with not more than 0.05% maleic anhydride, are not subject to these Recommendations.
Phthalic anhydride, molten at a temperature above its flash point with not more than 0.05% maleic anhydride should be classified under UN 3256".

170) Change "(Class 2)" to read "(Division 2.2)".
171)

179 Amend to read:

"The designation of this substance is to be decided by the competent authority".

181 Amend "14.2.3.6," to "14.2.2.10,".

188 Amend to read:

"Lithium cells and batteries offered for transport are not subject to these Recommendations if they meet the following requirements:

(a) each cell with a liquid cathode contains not more than 0.5 g of lithium or lithium alloy, and each cell with a solid cathode contains not more than 1 g of lithium or lithium alloy;

(b) each battery with a solid cathode contains not more than a total quantity of 2 g of lithium or lithium alloy and each battery with a liquid cathode contains not more than a total quantity of 1 g of lithium or lithium alloy;

(c) each cell or battery containing a liquid cathode is hermetically sealed;

(d) cells are separated so as to prevent short circuits;

(e) batteries are separated so as to prevent short circuits and are packed in strong packagings, except when installed in electronic devices; and

(f) if a liquid cathode battery contains more than 0.5 g of lithium or lithium alloy, or a solid cathode battery contains more than 1 g of lithium or lithium alloy, it does not contain a liquid or gas which is considered dangerous unless the liquid or gas, if free, would be completely absorbed or neutralized by other materials in the battery.

Lithium cells and lithium batteries are also not subject to these Recommendations if they meet the following requirements:

(g) each cell contains not more than 5 g of lithium or lithium alloy;

(h) each battery contains not more than 25 g of lithium or lithium alloy;

(i) each cell or battery is of the type proved to be non-dangerous by testing in accordance with tests in Part IV of the Recommendations on the Transport of Dangerous Goods, Tests and Criteria; such testing should be carried out on each type prior to the initial transport of that type; and

(j) cells and batteries are designed or packed in such a way as to prevent short circuits under conditions normally encountered in transport."

192 Amend to read:

"Packing Group II or III according to the grouping criteria for each hazard. Substances not meeting the criteria of Packing Group II or III for any hazard are not subject to these Recommendations."

193 Replace the words "may be regarded as not regulated as dangerous goods" by "are not subject to these Recommendations."

196 Amend to read:

"This formulation should fulfill the criteria given in 11.3.3.3(g) except that a diluent of type A is not required for desensitization. Formulations not meeting these criteria should be transported under the provisions of Division 5.2; see Table 11.3".

199 Amend last sentence, to read "See ISO 3711:1990".

200 Delete.

202 Delete.

216) Replace the words "Mixtures of non-dangerous solids" by "Mixtures of solids which are
217) not subject to these Recommendations" and amend the last sentence (penultimate sentence
218) in 217) to read:
"Each packaging should correspond to a design type that has passed a leakproofness test at the Packing Group II level. Each transport unit should be leakproof".

3. Add the new following Special Provisions:

"224 Unless it can be demonstrated by testing that the sensitivity of the substance in its frozen state is no greater than in its liquid state, the substance should remain liquid during normal transport conditions. It should not freeze at temperatures above -15 °C.

225 Fire extinguishers under this entry may include installed actuating cartridges (cartridges, power device of Division 1.4C or 1.4S), without changing the classification of Division 2.2 provided the total quantity of deflagrating (propellant) explosives does not exceed 3.2 g per extinguishing unit.

226 These substances or formulations of these substances which have been shown by the performance of test series 2 to be too insensitive for inclusion in Class 1 may be regarded as being exempt from Division 4.1 requirements.

227 This substance may be carried under provisions other than those of Class 1 only if it is so packed that the percentage of water will not fall below that stated at any time during transport. When phlegmatized with water and inorganic inert material the content of urea nitrate may not exceed 75% by mass and the mixture should not be capable of being detonated by test 1 (a) (i) or test 1 (a) (ii) in the Recommendations on the Transport of Dangerous Goods, Tests and Criteria.

228 Mixtures not meeting the criteria for flammable gases (Division 2.1) should be transported under UN 3163.

229 To be transported in strong outer packagings.

230 Lithium cells and batteries may be transported under this entry if they are assigned to Class 9 on the basis of tests carried out in accordance with Part IV of the Recommendations, Tests and Criteria, or if they meet the following requirements:

(a) each cell contains not more than 12 g of lithium or lithium alloy;

(b) each battery contains not more than 500 g of lithium or lithium alloy;

(c) each cell and battery incorporates a safety venting device or is designed in such a manner as to preclude a violent rupture under conditions normally incident to transport;

(d) each cell and battery is equipped with an effective means of preventing external short circuits;

(e) each battery containing cells or series of cells connected in parallel is equipped with diodes to prevent reverse current flow;

(f) cells and batteries are packed in strong inner packagings, containing not more than 500 g of lithium or lithium alloy in each packaging;

(g) cells and batteries are packed in inner packagings in such a manner as effectively to prevent short circuits and to prevent movement which could lead to short circuits;

(h) inner packagings are packed in outer packagings meeting Packing Group II requirements. For transport by air, only metal drums (1A2 or 1B2) meeting Packing Group II requirements with gas-tight gaskets are authorized;

(i) where metal packagings are used, inner packagings are separated from each other and from the inner surfaces of the metal outer packagings by at least a 25 mm thickness of non-combustible cushioning material;

(j) ten cells and one battery of each type taken from production each week are subjected to extreme temperature exposure and the short circuit test procedures in Part IV of the Recommendations on the Transport of Dangerous Goods, Tests and Criteria, or, subject to approval of competent authority, equivalent tests. There should be no evidence of distortion, leakage or internal heating in conducting the extreme temperature exposure test procedure. In the conducting of the short circuit test procedure, if venting occurs, an open flame applied to venting fumes should not produce an explosive condition; and

(k) cells and batteries are excepted from subparagraphs (h), (i) and (j) above if they are hermetically sealed providing that, prior to the first consignment, 10 cells or 4 batteries of each type to be offered for transport are subjected in sequence to the altitude simulation, extreme temperature exposure, vibration, and shock test procedures as described in Part IV of the Recommendations on the Transport of Dangerous Goods, Tests and Criteria, or equivalent tests approved by the competent authority, with no visible evidence of out-gassing, leakage, loss of mass or distortion.

231 When lithium cells and batteries, included in Class 9, are packed with equipment, they should be packed in inner fibreboard packagings that meet the requirements for Packing Group II. When lithium cells and batteries, included in Class 9, are contained in equipment, the equipment should be packed in strong outer packagings in such a manner as to prevent accidental operation during transport.

232 This designation should only be used when the substance does not meet the criteria of any other class. Transport in cargo transport units other than in multimodal tanks should be in accordance with standards specified by the competent authorities of the country of origin.

233 These substances should be packaged in accordance with standards specified by the competent authority of the country of origin.

234 Delete.

235 This entry applies to articles which may be classified in Class 1 in accordance with 1.11, which are used as life-saving vehicle air bags or seat-belts, when transported as component parts and when these articles packaged as for transport have been tested in accordance with test series 6 (c) of Part I of the Recommendations on the Transport of Dangerous Goods, Tests and Criteria, with no explosion of the device, no fragmentation of device casings, and no projection hazard or thermal effect which would significantly hinder fire-fighting or other emergency response efforts in the immediate vicinity. Air bags or seat-belts installed in vehicles or in completed vehicle components such as steering columns, door panels, etc. are not subject to these Recommendations.

236 Polyester resin kits consist of two components: a base material (Class 3, Packing Group II or III) and an activator (organic peroxide), each separately packed in an inner packaging. The organic peroxide should be type D, E or F, not requiring temperature control, and be limited to a quanuty of 125 ml per inner packaging if liquid, and 500g if solid. The components may be placed in the same outer packaging provided they will not interact dangerously in the event of leakage. Packing Group should be II or III, according to the criteria for Class 3, applied to the base material.

237 The nitrogen content of the nitrocellulose should not exceed 11.5%. Each single filter sheet should be packed between sheets of glazed paper. The portion of glazed paper between the filter sheets should be not less than 65%, by mass. The membrane filters/paper arrangement should not be liable to propagate a detonation as tested by one of the tests described in the Recommendations on the Transport of Dangerous Goods, Tests and Criteria, Part I, Test series 1 (a).

238 (a) Batteries can be considered as non-spillable provided that they are capable of withstanding the vibration and pressure differential tests given below, without leakage of battery fluid.

Vibration test: The battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied. The frequency is varied at the rate of 1 Hz/min between the limits of

10 Hz to 55 Hz. The entire range of frequencies and return is traversed in 95 ± 5 minutes for each mounting position (direction of vibration) of the battery. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods.

Pressure differential test: Following the vibration test, the battery is stored for six hours at 24 °C ± 4 °C while subjected to a pressure differential of at least 88 kPa. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least six hours in each position.

Batteries should be protected against short circuits and should be securely packed in strong outer packagings.

Note: Non-spillable type batteries which are an integral part of and necessary for the operation of mechanical or electronic equipment, should be securely fastened in the battery holder on the equipment and protected in such a manner as to prevent damage and short circuits.

(b) Non-spillable batteries are not subject to these Recommendations if, at a temperature of 55 °C, the electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow and if, when packaged for transport, the terminals are protected from short circuit.

239 Batteries or cells should not contain other dangerous goods, except for sulphur. Batteries or cells should not be offered for transport at a temperature such that liquid elemental sodium is present in the batttery or cell unless approved and under the conditions established by the competent authority.

Cells should consist of hermetically sealed, metal casings which fully enclose the dangerous goods and which are so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport. Cells should be placed in suitable outer packagings with sufficient cushioning material to prevent contact between cells and between cells and the internal surfaces of the outer packaging, and to ensure that no dangerous movement of the cells within the outer packaging occurs in transport. Packagings should be tested and marked according to the provisions applicable to Packing Group II solids.

Batteries should consist of cells secured within and fully enclosed by a metal casing so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport. Batteries may be offered for transport and transported unpacked or in protective enclosures (e.g., in fully enclosed or wooden slatted crates) that are not subject to the packaging testing provisions of these Recommendations.

240 This entry only applies to vehicles and equipment powered by wet batteries and transported with these batteries installed. Examples of such vehicles and equipment are electrically-powered cars, lawnmowers, wheelchairs and other mobility aids.

241 The formulation should be prepared so that it remains homogeneous and does not separate during transport. Formulations with low nitrocellulose contents and not showing dangerous properties when tested for their liability to detonate, deflagrate or explode when heated under defined confinement by the appropriate test methods and criteria in the Recommendations on the Transport of Dangerous Goods, Tests and Criteria, and not being a flammable solid when tested in accordance with 14.5.2 (chips, if necessary, crushed and sieved to a particle size of less than 1.25 mm) are not subject to these Recommendations.

242 Sulphur is not subject to these Recommendations when it is transported in quantities of less than 400 kg per package, or when it has been formed to a specific shape (e.g. prills, granules, pellets, pastilles or flakes)

243 Motor spirit, gasoline and petrol should be assigned to this entry regardless of variations in volatility.

244 This entry includes aluminium ashes, aluminium dross, aluminium potlining, aluminium skimmings, pot skimmings, spent cathodes, spent potliner, and waste cathodes.

245 Temperature should be maintained between 18 °C and 40 °C. Tanks containing solidified methacrylic acid should not be reheated during transport.

246 This substance should be packed in accordance with packing method OP6B (see chapter 11, table 11.2 (3)). During transport, it should be protected from direct sunshine and stored (or kept) in a cool and well-ventilated place, away from all sources of heat.

247 Alcoholic beverages containing more than 24% alcohol but not more than 70% by volume, when transported as part of the manufacturing process, may be transported in wooden casks with a capacity of not more than 500 litres deviating from the provisions of chapter 9, on the following conditions:

(a) the casks should be checked and tightened before filling;

(b) sufficient ullage (not less than 3%) should be left to allow for the expansion of the liquid;

(c) the casks should be transported with the bungholes pointing upwards;

(d) the casks should be transported in containers meeting the requirements of the International Convention for Safe Containers (CSC), as amended. Each cask should be secured in custom-made cradles and be wedged by appropriate means to prevent them from being displaced in any way during transport; and

(e) when carried on board ships, the containers should be placed in open cargo spaces only.

CHAPTER 12 - RECOMMENDATIONS ON MULTIMODAL TANK TRANSPORT

Paragraph

12.2.3 Amend the definition of "shell" to read:

"'Shell' means the tank proper, including openings and their closures, but does not include service equipment (see 12.2.4)".

12.562 Delete "12.562" and renumber the following paragraphs accordingly.

Table 12.1

1. Amend as necessary in accordance with amendments adopted for Chapter 2.

2. Amend the following entries:

UN No. 1017 - In column 4 add "8".

UN No. 1030 - The name should read "1,1-difluoroethane (R152a)".

UN No. 1040 - The name should read "ethylene oxide with nitrogen up to a total pressure of 1MPa (10 bar) at 50°C.".

UN No. 1041 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"1041	Ethylene oxide and carbon dioxide mixture with more than 9% but not more than 87% ethylene oxide."	2.1	-	See 12.24.6	Allowed	Normal	See 12.40	-

UN No. 1063 - Add "R40" as a synonym.

UN No. 1067 -)
UN No. 1079 -) In column 4 add "8".

UN No. 1082 - Reverse the two last values in column (5).

UN No. 1912 - Replace Division "2.2" by "2.1".

UN No. 1969 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"1969	Isobutane mixture	2.1	-	See 12.24.6	Allowed	Normal	See 12.40	-

UN No. 2517 - The name should read "1-Chloro-1,1-difluoroethane (R142b)"

3. Add the following new entries:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"1965	Hydrocarbon gas, liquefied, n.o.s. or hydrocarbon gas mixture, liquefied, n.o.s.	2.1		see 12.24.6	Allowed	Normal	See 12.40	
2424	Octafluoropropane (R218)	2.2		23.1 20.8 18.6 16.6	Allowed	Normal	1.07	
3252	Difluoromethane (R32)	2.1		44.0 40.0 35.3 31.5	Allowed	Normal	0.78	
3296	Heptafluoropropane (R 227)	2.2		16.0 14.0 12.5 11.0	Allowed	Normal	1.20	
3297	Ethylene oxide and chlorotetrafluoro-ethane mixture, with not more than 8.8% ethylene oxide	2.2		8.1 7.0 7.0 7.0	Allowed	Normal	1.16	
3298	Ethylene oxide and pentafluoroethane mixture, with not more than 7.9% ethylene oxide	2.2		25.9 23.4 20.9 18.6	Allowed	Normal	1.02	
3299	Ethylene oxide and tetrafluoroethane mixture, with not more than 5.6% ethylene oxide	2.2		16.7 14.7 12.9 11.2	Allowed	Normal	1.03	

Table 12.2

1. Amend as necessary in accordance with amendments adopted for Chapter 2.

2. Amend the following entries:

UN No. 1105 - In column (3), replace "3/102" by "3/184".

UN No. 1106 - In column (3), replace "3/II" by "3/192", insert "8" in column (4).

UN No. 1109 - In column (3), replace "3/102" by "3/III".

UN No. 1112 - In column (3), replace "3/II" by "3/III".

UN No. 1118 - Delete.

UN No. 1120)-
UN No. 1123) In column (3), replace "3/102" by "3/184".

UN No. 1125 - In column (4) insert "8".

UN No. 1135 - In column (3), replace "6.1/II" by "6.1/I".
In column (4) insert "3" .
In column (5), replace "4" by "6".

UN No. 1136)-
UN No. 1139)- In column (3), replace "3/102" by "3/184".

UN No. 1143 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
*1143	Crotonaldehyde, stabilized[9]	6.1/I	3	4	12.5.2	N.A.	12.9.3	12.22.3

UN No. 1148 - In column (3), replace 3/102" by "3/184".

UN No. 1154)-
UN No. 1158)-
UN No. 1160)- In column (4), insert "8".

UN No. 1162)-
UN No. 1164)- In colum (3), replace "3/I" by "3/II".

UN No. 1167 - In column (3), replace "3/II" by "3/I".

UN No. 1169)-
UN No. 1170)- In column (3), replace "3/102" by "3/184".

UN No. 1180 - In column (3), replace "3/II" by "3/III".

UN No. 1196 - In column (3), replace "3/I" by "3/II".

UN No. 1197)-
UN No. 1201)- In column (3), replace "3/102" by "3/184".

UN No. 1202 - In column (3), replace "3/102" by "3/III".

UN No. 1214)-
UN No. 1221)- In column (4), insert "8".

UN No. 1223 - In column (3), replace "3/102" by "3/III".

UN No. 1228 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"1228	Mercaptans, liquid, flammable, toxic, n.o.s. or Mercaptan mixture, liquid, flammable, toxic, n.o.s.	3/II 3/III	6.1 6.1	4 2.65	12.5.2 12.5.2	A/12.7.2 A/12.7.3	N. N.	12.22.3 12.22.2

UN No. 1235 - In column (4), insert "8".

UN No. 1255)-
UN No. 1256)- Delete.
UN No. 1257)-

UN No. 1265 - Replace "3/I" by "3/212".

UN No. 1266 - In column (3), replace "3/102" by "3/184".

UN No. 1270)- Delete.
UN No. 1271)-

UN No. 1274 - In column (3), replace "3/II" by "3/184".

UN No. 1277 - In column (4), insert "8".

UN No. 1282 - In column (4) delete "6.1".

UN No. 1286 - In column (3), replace "3/III" by "3/184".

UN No. 1287)- In column (3), replace "3/102" by "3/184".
UN No. 1288)-

UN No. 1289 - In column (3), replace "3/102" by "3/192".
In column (4) insert "8".

UN No. 1293 - In column (3), replace "3/102" by "3/184".

UN No. 1296 - In column (4), insert "8".

UN No. 1297 - In column (3), replace "3/102" by "3/129".
In column (4) insert "8".

UN No. 1298 - In column (3), replace "3/I" by "3/II".

UN No. 1300)-
UN No. 1306)- In column (3), replace "3/102" by "3/184".
UN No. 1307)-

UN No. 1605 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1605	Ethylene dibromide	6.1/I		6	12.5.2	N.A.	12.9.3	12.22.3

UN No. 1648 - The name should read "Acetonitrile"; delete subsidiary risk "6.1".

UN No. 1715 - In column (4), insert "3".

UN No. 1719 - In column (3), replace 8/112" by "8/184".

UN No. 1722 - In column (3) replace "8/I" by "6.1/I".
In column (4) insert "3" and "8".
In column (5) replace "4" by "6" .

UN No. 1723 - In column (3), replace "3/I" by "3/II".

UN No. 1724)- In column (4), insert "3".
UN No. 1747)-

UN No. 1752 - In column (3) replace "8/II" by "6.1/I".
In column (5) replace "2.65" by "4".
In column (8) replace "N" by "12.9.3".

UN No. 1809 - In column (4) insert "6.1".
In column (5) replace "2.65" by "4".
In column (7) replace "A/12.7.3" by "N.A."

UN No. 1816 - In column (4), insert "3".

UN No. 1864 - Delete.

UN No. 1888 - In column (3), replace "6.1/II" by "6.1/III".

UN No. 1908 - In column (3), replace "8/II" by "8/51".

UN No. 1922 - In column (4), insert "8".

UN No. 1999 - In column (3), replace "3/102" by "3/184".

UN No. 2022 - In column (4), add "8".

UN No. 2029 - In column (3), replace "3" by "8".
In column (4), replace "6.1,8" by 3,6.1".

UN No. 2047 - In column (3), replace "3/II" by "3/184".

UN No. 2051 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"2051	2-Dimethylaminoethanol	8/II	3	2.65	12.5.2	A/12.7.3	N.	12.22.3"

UN No. 2057 - In column (3), replace "3/102" by "3/184".

UN No. 2076 - In column (4), insert "8".

UN No. 2206 - Amend this entry as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"2206	Isocyanates, toxic, n.o.s. or	6.1/II	-	4	12.5.2	N.A.	N.	12.22.3
	Isocyanate solution, toxic, n.o.s[9]	6.1/III	-	2.65	12.5.2	A/12.7.3	N.	12.22.2"

UN No. 2207 - Delete.

UN No. 2219 - In column (4), delete "6.1".

UN No. 2228 - Delete.

UN No. 2229 - Delete.

UN No. 2232 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"2232	2-Chloroethanal[9]	6.1/I		6	12.5.2	N.A.	12.9.3	12.22.3"

UN No. 2258 - In column (4), add "3".

UN No. 2260 - In column (3), replace "3/II" by "3/III".

UN No. 2264 - In column (4), add "3".

UN No. 2267 - In column (3) replace "8/III" by "6.1/II."
In column (4) insert "8".

UN No. 2270 - In column (4), insert "8".

UN No. 2276 -	In column (3), replace "8/III" by "3/III". In column (4) add "8".
UN No. 2309 -	In column (3), replace "3/102" by "3/II".
UN No. 2313 -	In column (3), replace "3/II" by "3/III".
UN No. 2324 -	In column (3), replace "3/102" by "3/III".
UN No. 2332 -	In column (3), replace "3/II" by "3/III".
UN No. 2337 -	In column (3), replace "6.1/II" by "6.1/I".
UN No. 2342-	In column (3), replace "3/102" by "3/II".
UN No. 2344 -	The name should read "Bromopropanes".
UN No. 2346 -	In column (3), replace "3/102" by "3/II".
UN No. 2348 -	In column (3), replace "3/102" by "3/III".
UN No. 2351 -	In column (3), replace "3/102" by "3/184".
UN No. 2359 -	In column (4), insert "6.1" and "8".
UN No. 2361 -	In column (4), insert "8".
UN No. 2367 -	In column (3), replace "3/III" by "3/II".
UN No. 2379 -	In column (4), insert "8".
UN No. 2382 -	In column (3), replace "3/I" by "6.1/I". In column (4), replace "6.1" by "3".
UN No. 2383)- UN No. 2386)-	In column (4), insert "8".
UN No. 2388 -	In column (3), replace "3/102" by "3/II".
UN No. 2392 -	In column (3), replace "3/102" by "3/III".
UN No. 2399)- UN No. 2401)-	In column (4), insert "8".
UN No. 2407 -	In column (3) replace "3/II" by "6.1/I". In column (4) insert "3".

UN No. 2413 - In column (3), replace "3/II" by "3/III".

UN No. 2438 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"2438	Trimethylacetyl chloride	6.1/I	3 8"	4	6mm	N.A.	12.9.3	12.22.3

UN No. 2445 - In column (4), insert "4.3".

Amend the folowing entries as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"2478	Isocyanates, flammable, toxic n.o.s.[9]	3/II	6.1	4	12.5.2	N.A.	N.	12.22.3
	or Isocyanate solution, flammable, toxic, n.o.s.[9]	3/III	6.1	2.65	12.5.2	A/12.7.3	N.	12.22.2
2482	n-Propyl isocyanate[9]	6.1/I	3	6	6mm	N.A.	12.9.3	12.22.3
2484	tert-Butyl isocyanate[9]	6.1/I	3	6	6mm	N.A.	12.9.3	12.22.3
2485	n-Butyl isocyanate[9]	6.1/I	3	6	12.5.2	N.A.	N.	12.22.3
2521	Diketene, inhibited	6.1/I	3	4	12.5.2	N.A.	12.9.3	12.22.3

UN No. 2502 - In column (4), insert "3".

UN No. 2526)-
UN No. 2529)-
UN No. 2530)- In column (4), insert "8".

UN No. 2553 - Delete.

UN No. 2606 - In column (3), replace "3/I" by "6.1/I".
In column (4), replace "6.1" by "3".
In column (5), replace "4" by "6".

UN No. 2610 - In column (4), insert "8".

UN No. 2616 - In column (3), replace "3/102" by "3/184".

UN No. 2619)-
UN No. 2668)- In column (4), insert "3".

UN No. 2684 - In column (3), replace "8/III" by "3/III".
In column (4), replace "3" by "8".

UN No. 2707 - In column (3), replace "3/102" by "3/184".

UN No. 2789 - In column (4), insert "3".

UN No. 2826 - In column (4), insert "3".

UN No. 2841 - In column (3), replace "6.1/II" by "3/III".
In column (4) insert "6.1".

UN No. 2945 - In column (4), insert "8".

UN No. 3066 - Amend as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"3066	Paint (including paint, lacquer, enamel stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or, Paint related material (including paint thinning or reducing compound)	8/II		4	12.5.2	A/12.7.3	N	12.22.3
		8/III		2.65	12.5.2	A/12.7.2	N	12.22.2

UN No. 3071 - The name should read: "Mercaptans, liquid, toxic, flammable, n.o.s. or Mercaptan mixture, liquid, toxic, flammable, n.o.s.

UN No. 3082 In column (3), replace "9/179" by "9/III".

UN No. 3109 - In column (7), replace "N.A." by "A/12.7.3".
In column (9), replace "12.564" by "12.563".

UN No. 3110 - In column (7), replace "N.A." by "A/12.7.3".
In column (9), replace "12.564" by "12.563".

UN No. 3119 - In column (7), replace "N.A." by "A/12.7.3".
In column (9), replace "12.564" by "12.563".

UN No. 3120 - In column (7), replace "N.A." by "A/12.7.3".
In column (9), replace "12.564" by "12.563".

3. Add the following new entries:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
"1350	Sulphur	4.1/III		1.5	12.5.2	A/12.7.2	N.	12.22.2
2430	Alkyphenols, solid, n.o.s. (including C_2 - C_{12} homologues)[4,7]	8/112		2.65	12.5.2	A/12.7.3	N.	12.22.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
3145	Alkylphenols, liquid, n.o.s. (including C_2-C_{12} homologues)[4]	8/112		2.65	12.5.2	A/12.7.3	N.	12.22.2
3246	Methanesulphonyl chloride [8,9]	6.1/I	8	6	6mm	N.A.	12.9.3	12.22.3
3256	Elevated tempertaure liquid, flammable, n.o.s., with a flash point above 60.5 °C, at or above its flash point	3/III	1.5		12.5.2	A/12.7.2	N.	2.22.5
3257	Elevated temperature liquid, n.o.s., at or above 100 °C and below its flash point	9/III	1.5		12.5.2	A/12.7.2	N.	12.22.5
3264	Corrosive liquid, acidic, inorganic, n.o.s.	8/II 8/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3265	Corrosive liquid, acidic, organic, n.o.s.	8/II 8/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3266	Corrosive liquid, basic, inorganic, n.o.s.	8/II 8/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3267	Corrosive liquid, basic, organic, n.o.s.	8/II 8/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3271	Ethers, n.o.s.[4]	3/184		2.65(a)[3] 1.5(b)	12.5.2	A/12.7.3 A/12.7.2	N.	12.22.2
3272	Esters, n.o.s.[4]	3/184		2.65(a)[3] 1.5(b)	12.5.2	A/12.7.3 A/12.7.2	N.	12.22.2
3273	Nitriles, flammable, toxic, n.o.s.[4]	3/130	6.1	4	12.5.2	A/12.7.3	N.	12.22.3
3275	Nitriles, toxic, flammable, n.o.s.[4]	6.1/130	3	4	12.5.2	A/12.7.3	N.	12.22.3
3276	Nitriles, toxic, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3277	Chloroformates, toxic, corrosive, n.o.s.[8,9]	6.1/II	8	2.65	6 mm	N.A.	12.9.3	12.22.3
3278	Organophosphorus compound,toxic, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3279	Organophosphorus compound, toxic, flammable, n.o.s.[4]	6.1/130	3	4	12.5.2	A/12.7.3	N.	12.22.3
3280	Organoarsenic compound, toxic, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2.	N. N.	12.22.3 12.22.2
3281	Metal carbonyls, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
3282	Organometallic compound, toxic, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3283	Selenium compound, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3284	Tellurium compound, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3285	Vanadium compound, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3286	Flammable liquid, toxic, corrosive, n.o.s.[4,9]	3/130	6.1 8	4	12.5.2	A/12.7.3	N.	12.22.3
3287	Toxic liquid, inorganic, n.o.s.[4]	6.1/II 6.1/III		4 2.65	12.5.2 12.5.2	A/12.7.3 A/12.7.2	N. N.	12.22.3 12.22.2
3289	Toxic liquid, corrosive, inorganic, n.o.s.[4]	6.1/130	8	4	12.5.2	A/12.7.3	N.	12.22.3
3293	Hydrazine, aqueous solution with not more than 37% hydrazine, by mass	6.1/III		2.65	12.5.2	A/12.7.2	N.	12.22.2
3294	Hydrogen cyanide, solution in alcohol, with not more than 45% hydrogen cyanide	6.1/I	3	4	6mm	N.A.	12.9.3	12.22.3
3295	Hydrocarbons, liquid, n.o.s.[4]	3/102		2.65(a)[3] 1.5(b)	12.5.2	A/12.7.3 A/12.7.2	N.	12.22.2

APPENDIX A: LIST OF GENERIC OR N.O.S. PROPER SHIPPING NAMES

1. Amend Appendix A in accordance with the amendments adopted for Chapter 2.

2. Add an asterisk to all those entries which appear with an asterisk in Chapter 2.

3. In the introduction to Appendix A, at the end of the first paragraph add: "An asterisk following a name indicates that the technical name should be added (see 13.8.4)".

4. Add the following entries:

Class or Division	Subsidiary Risk	UN Number	Proper Shipping Name
			CLASS 1
			Division 1.1
1.1C		0497	PROPELLANT, LIQUID
1.1C		0498	PROPELLANT, SOLID
			Division 1.3
1.3C		0495	PROPELLANT, LIQUID
13.C		0499	PROPELLANT, SOLID
			CLASS 3
			Specific entries
3		3271	ETHERS, N.O.S.*
3		3272	ESTERS, N.O.S.*
3		3295	HYDROCARBONS, LIQUID, N.O.S.
3	6.1	3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.*
3	8	3274	ALCOHOLATES SOLUTION, N.O.S.* in alcohol
			CLASS 3
			General entries
3		3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash point above 60.5 °C, at or above its flash point
3	6.1 8	3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.*

Class or Division	Subsidiary Risk	UN Number	Proper Shipping Name
			Class 6 Division 6.1
			Specific entries
6.1		1935	CYANIDE SOLUTION, N.O.S.
6.1		3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.*
6.1		3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S.*
6.1		3280	ORGANOARSENIC COMPOUND, TOXIC, N.O.S.*
6.1		3281	METAL CARBONYLS, N.O.S.*
6.1		3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S.*
6.1		3283	SELENIUM COMPOUND, N.O.S.
6.1		3284	TELLURIUM COMPOUND, N.O.S.
6.1		3285	VANADIUM COMPOUND, N.O.S.
6.1	3	3276	NITRILES, TOXIC, N.O.S.*
6.1	3	3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.*
6.1	8	3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.*

Class or Division	Subsidiary Risk	UN Number	Proper Shipping Name
			General entries
6.1		3287	TOXIC LIQUID, INORGANIC, N.O.S.*
6.1		3288	TOXIC SOLID, INORGANIC, N.O.S.*
6.1	8	3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.*
6.1	8	3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.*
			Class 6 Division 6.2
			Specific entries
6.2		3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.

Class or Division	Subsidiary Risk	UN Number	Proper Shipping Name
			CLASS 8
			Specific entries
8		3259	AMINES, SOLID, CORROSIVE, N.O.S.* or POLYAMINES, SOLID, CORROSIVE, N.O.S.*
			General entries
8		3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.*
8		3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.*
8		3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.*
8		3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.*
8		3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.*
8		3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.*
8		3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.*
8		3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.*
8	4.2	3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.*

Class or Division	Subsidiary Risk	UN Number	Proper Shipping Name
CLASS 9			
General entries			
			General entries
9		3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100°C and below its flash point
9		3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C

INDEX

1. In the notes to the Index, add a new note 7 to read:

"7. A proper shipping name may be used in the singular or plural, as appropriate, for the purposes of documentation and package marking."

2. Amend or delete the existing entries in the Index and add new entries in accordance with the amendments to Chapter 2.

3. Insert the following new entries:

"Aluminium dross, see	4.3	3170
Ammonium hexafluorosilicate, see	6.1	2854
Ammonium tetrachloromercurate (II), see	6.1	1630
Antimony (III) lactate, see	6.1	1550
Arsenic (III) bromide, see	6.1	1555
Arsenic (III) oxide, see	6.1	1561
Arsenic (V) oxide, see	6.1	1559
2-Butyne-1,4-diol, see	6.1	2716
Chloroacetaldehyde, see	6.1	2232

Chromium (VI) dichloride dioxide, see	8	1758
Chromium (III) fluoride, solid, see	8	1756
Chromium (III) nitrate, see	5.1	2720
Copper (II) arsenite, see	6.1	1586
Copper (II) chlorate, see	5.1	2721
Cyanides, organic, flammable, toxic, n.o.s., see	3	3273
Cyanides, organic, toxic, flammable, n.o.s., see	6.1	3275
Cyanides, organic, toxic, n.o.s., see	6.1	3276
2-Dibutylaminoethanol, see	6.1	2873
Di(2-chloroethyl) ether, see	6.1	1916
1,1-Diethoxyethane, see	3	1088
2-Diethylaminoethanol, see	3	2686
Dimethylethanolamine, see	8	2051
1,1-Dimethylhydrazine, see	3	1163
N,N-Dimethyl-4-nitrosoaniline, see	4.2	1369
2-Ethylbutyl acetate, see	3	1177
Fumaroyl dichloride, see	8	1780
Gas drips, hydrocarbon, see	3	3295
Hexachloro-1,3-butadiene, see	6.1	2279
Hexamethylenetetramine, see	4.1	1328
HEXOTONAL, cast, see	1.1D	0393
HEXOTOL, see	1.1D	0118

Iron (III) chloride, anhydrous, see	8	1773
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, see	6.1	2290
Isopentane, see	3	1265
Lead (II) acetate, see	6.1	1616
Lead (II) cyanide, see	6.1	1620
Lead (II) nitrate, see	5.1	1469
Lead (II) perchlorate, see	5.1	1470
Malonodinitrile, see	6.1	2647
Manganese (II) nitrate, see	5.1	2724
Methyl cyanide, see	3	1648
Naphta, see	3	1268
Naphta, petroleum, see	3	1268
Naphta, solvent, see	3	1268
1-Napthylthiourea, see	6.1	1651
Natural gasoline, see	3	1203
Nickel (II) cyanide, see	6.1	1653
Nickel (II) nitrate, see	5.1	2725
Nickel (II) nitrite, see	5.1	2726
Nickel tetracarbonyl, see	6.1	1259
n-Pentane, see	3	1265
Petroleum oil, see	3	1268
Petroleum spirit, see	3	1268
Phenylisocyanodichloride, see	6.1	1672

Phosphorus (V) sulphide, free from yellow and white phosphorus, see	4.3	1340
Potassium hexafluorosilicate, see	6.1	2655
Potassium hydrogen difluoride, see	8	1811
Potassium dicyanocuprate (I), see	6.1	1679
Potassium tetracyanomercurate (II), see	6.1	1626
R 227, see	2.2	3296
Sodium hexafluorosilicate, see	6.1	2674
Sodium hydrogen 4-amino-phenylarsenate, see	6.1	2473
Sodium dicyanocuprate (I) solid, see	6.1	2316
Sodium dicyanocuprate (I) solution, see	6.1	2317
Sodium metasilicate pentahydrate, see	8	3253
Tin (IV) chloride anhydrous, see	8	1827
Tin (IV) chloride pentahydrate, see	8	2440
Tetraethyoxysilane, see	3	1292
Thallium (I) chlorate, see	5.1	2573
Thallium (I) nitrate, see	6.1	2727
Vanadium (IV) oxide sulphate, see	6.1	2931
Zinc hexafluorosilicate, see	6.1	2855

4. Delete the entries for "CHLORODIFLUOROETHANES" and "DIFLUOROCHLOROETHANES" and replace them by the following:

"1-CHLORO-1,1-DIFLUOROETHANE	2.1	2517
Difluorochloroethane, see	2.1	2517"

5. Modify the entry "HEXAMINE" to read:

"Hexamine, see 4.1 1328"

6. Modify the entries for "BUTYLPHENOLS, LIQUID" and "BUTYLPHENOLS, SOLID" to read :

"Butylphenols, liquid, see 8 3145

Butylphenols, solid, see 8 2430"

7. Amend the existing entry for "NITROCELLULOSE WITH PLASTICIZER SUBSTANCE" to read:

"NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE, WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT." 4.1 2557

8. Delete the entry for "BRAKE FLUID, hydraulic".

9. Change the entry for "THIA-4-PENTANAL" to read:

"Thia-4-Pentanal, see 6.1 2785"

10. Delete the entries:

"Chloropropanol, see 6.1 2611

2-Chloro-1-propanaol, see 6.1 2611"